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Title: Evaluation of free thyroxine determination based on one-step fluorometric immunoassay technique and the suboptimal concordance with two-step immunoassay

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Highlights

- AIA 900 system is suitable for routine diagnosis purpose
- AIA 900 was validated according to French protocol
- Low concordance between AIA900 and Access 2 immunoassays is reported
- Various clinical contexts may challenge the quantification of FT4

Abstract

Free thyroxine (FT4) quantification is continuing to be a concern. The purpose of the following study was to evaluate the analytical performance of Tosoh AIA900 based on a one-

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